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April 1, 2022

City of Detroit  
Right of Way  
Management

**Dear Mm or Sir,**

Please receive this letter in support of our encroachment petition application with the City of Detroit. Below is a description of the work being proposed and an introduction to our company's development work in Michigan that serves as background to this petition application.

This petition applies specifically to a proposed directional bore conduit to be installed across EB Jeffries Service Drive and that will be used to physically connect fiber optic cables between MDOT and 123Net! infrastructure. The conduit will begin at a new MDOT standard hand hole which will be installed at the northeast quadrant of the US-12 @ EB Jeffries Service Drive intersection (MDOT ROW). From there, the conduit path will extend into the City of Detroit's ROW and be routed west to cross the EB Jeffries Service drive to access the existing 123Net! hand hole located in the northwest quadrant of the US-12 @ EB Jeffries Service Drive intersection. Once the new conduit is installed, fiber optic cabling will be installed within the new conduit and fiber splicing work in the MDOT and 123Net! handholes will be made to connect the new fiber optic cable to existing cable.

The directional bore conduit relevant to this petition application is highlighted and dimensioned on the first page of our site plan drawings (revised version uploaded to the petition application).

A note about Cavnue's background:

The Michigan Department of Transportation (MDOT) and the State of Michigan have historically been leaders in innovative transportation technologies and projects, including the implementation of infrastructure and a regulatory environment to support both Connected Vehicle and Automated Vehicle (CAV) operations. As CAV technologies advance and become more widely adopted, MDOT and the larger industry have identified the need to advance infrastructure improvements that support the safe and efficient operation of CAVs in a well-coordinated Cooperative Automated Transportation System.



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In April 2020, MDOT launched an open and competitive procurement process seeking a partner to advance development of a connected and automated vehicle corridor (the "CAV-C") that utilizes advanced infrastructure and technologies to serve as a catalyst for the deployment of CAVs. Following the evaluation of proposals, MDOT selected Cavnue, LLC ("Cavnue") to serve as the master developer for the project.

The work we are proposing to complete upon approval of this application marks an important step in Cavnue's engineering development of CAV technologies. Should you have any additional questions or comments, please do not hesitate to contact me.

Best,

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